



PCT

## RAW SEQUENCE LISTING

DATE: 08/26/2004

PATENT APPLICATION: US/10/505,265

TIME: 15:16:05

Input Set : A:\UMD-0012.ST25.txt

Output Set: N:\CRF4\08262004\J505265.raw

3 <110> APPLICANT: The University of Medicine and Dentistry of New Jersey  
 4 Mathews, Michael B.  
 5 Pe'ery, Tsafi  
 6 Reza, Syed  
 8 <120> TITLE OF INVENTION: Variant Tat Proteins and Methods for Use Thereof  
 10 <130> FILE REFERENCE: UMD-0012  
 C--> 12 <140> CURRENT APPLICATION NUMBER: US/10/505,265  
 C--> 12 <141> CURRENT FILING DATE: 2004-08-20  
 12 <150> PRIOR APPLICATION NUMBER: US 60/358,595  
 13 <151> PRIOR FILING DATE: 2002-02-21  
 15 <160> NUMBER OF SEQ ID NOS: 4  
 17 <170> SOFTWARE: PatentIn version 3.1  
 19 <210> SEQ ID NO: 1  
 20 <211> LENGTH: 20  
 21 <212> TYPE: DNA  
 22 <213> ORGANISM: Artificial sequence  
 24 <220> FEATURE:  
 25 <223> OTHER INFORMATION: Synthetic  
 27 <400> SEQUENCE: 1  
 28 ctgcttgtaa caattgctat  
 31 <210> SEQ ID NO: 2  
 32 <211> LENGTH: 19  
 33 <212> TYPE: DNA  
 34 <213> ORGANISM: Artificial sequence  
 36 <220> FEATURE:  
 37 <223> OTHER INFORMATION: Synthetic  
 39 <400> SEQUENCE: 2  
 40 ttgttacagc agttttagg  
 43 <210> SEQ ID NO: 3  
 44 <211> LENGTH: 23  
 45 <212> TYPE: PRT  
 46 <213> ORGANISM: Artificial sequence  
 48 <220> FEATURE:  
 49 <223> OTHER INFORMATION: Synthetic  
 51 <400> SEQUENCE: 3  
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 54 1 5 10 15  
 57 Gln Pro Lys Thr Ala Cys Asn  
 58 20  
 61 <210> SEQ ID NO: 4  
 62 <211> LENGTH: 49  
 63 <212> TYPE: PRT  
 64 <213> ORGANISM: Artificial sequence



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66 &lt;220&gt; FEATURE:

67 &lt;223&gt; OTHER INFORMATION: Synthetic

69 &lt;400&gt; SEQUENCE: 4

71 Asn Cys Tyr Cys Lys Lys Cys Cys Phe His Cys Gln Val Cys Phe Ile

72 1 5 10 15

75 Thr Lys Ala Leu Gly Ile Ser Tyr Gly Arg Lys Lys Arg Arg Gln Arg

76 20 25 30

79 Arg Arg Ala His Gln Asn Ser Gln Thr His Gln Ala Ser Leu Ser Lys

80 35 40 45

83 Gln

**VERIFICATION SUMMARY**

PATENT APPLICATION: US/10/505,265

DATE: 08/26/2004

TIME: 15:16:06

Input Set : A:\UMD-0012.ST25.txt

Output Set: N:\CRF4\08262004\J505265.raw

L:12 M:270 C: Current Application Number differs, Replaced Current Application No

L:12 M:271 C: Current Filing Date differs, Replaced Current Filing Date